

# Holzwolle-Mehrschichtplatte 035

## Fibro-THERM-S 2 N A2

Two-layer composite insulation element made of mineral wool with wood wool top layer according to DIN EN 13168



### AREAS OF APPLICATION

Non-combustible ceiling insulation panel for dowelled systems for the underside insulation of concrete ceilings in interior areas. (e.g. basement and underground car park ceilings)

### PRODUCT PROPERTIES

- Composite basement ceiling insulation element made of mineral wool with wood wool top layer (two-layer board)
- Area of application in accordance with DIN 4108-10: DI, WI
- Approved according to the Ordinance on Hazardous Substances (GefStoffV), List of Prohibited Hazardous Substances (ChemVerbotsV and EU Directive 97/69 (note Q))
- Non-combustible
- Mineral-bound surface in wood look (fine wool: approx. 2 mm fibre width)
- Edges: blunt

### TECHNICAL DATA

Fire behavior	A2-s1, d0 according to DIN EN 13501-1
Thermal conductivity $\lambda$	Rated value according to DIN 4108-4: 0,09 W/(mK) (top layer) Rated value according to DIN 4108-4: 0,035 W/(mK) (mineral wool)
Dimensions	1000 mm x 600 mm
Thickness	50 - 200 mm
Accessories	Deckendämmschraube (ceiling insulation screw) TIS in wood look beige Deckendämmschraube DDS-Z (white) Further design variants available on request: <ul style="list-style-type: none"> <li>▪ One side white, sprayed, wipe-resistant (similar to RAL 9010)</li> <li>▪ Superfine wood wool (approx. 1 mm fibre width)</li> <li>▪ Small bevel all around</li> <li>▪ Closed longitudinal and/or transverse edges</li> </ul>

## APPLICATION INSTRUCTIONS

Substrate pre-treatment	The substrate must be level, clean, dry, solid and load-bearing. Protruding mortar burrs must be removed.
Application	<p><b>Cutting to size:</b> The boards can be cut to size using a table saw or a hand-held circular saw with a guide rail with an appropriate cutting depth or a saw blade with carbide tipped (Widia).</p> <p><b>Installation and mechanical fixing:</b> The boards are preferably laid with tight joints and fixed by holding or supporting them on the ceiling until the final mechanical fixing.</p> <p>Mechanical fixing is carried out flush with the surface by Deckendämmschraube TIS (drill hole <math>\varnothing</math> 6 mm, anchoring depth 25 mm, drill hole depth 30 mm). 4 dowels per panel (6.7 pcs/m<sup>2</sup>) are required for fixing the thermal insulation panels. The minimum edge distance of the mechanical fixings from the front and longitudinal edges of the panels is 60 mm each. The minimum axial distance between the fixings is 120 mm. The required screw length is to be determined from the thickness of the panel plus the anchoring depth. Installation on concrete walls is carried out in the same way as on the concrete ceiling.</p> <p><b>Coating:</b> The thermal insulation boards may only be used without plaster and without additional surface coatings.</p>

## STORAGE

Dry, protected against moisture.

## PACKAGING INFORMATION

Colour Beige

## OTHER INFORMATION

Transportation Not a hazardous material  
Waste code 17 06 04(class II waste disposal, household and construction waste disposal)

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